DECLARATION OF PERFORMANCE
No. 0005-DoP-2020/03/11

CE

VENT 50
MW-EN13162-T5-DS(70,90)-CS(10)10-TR5-WS-WL(P)-MU1

1. Unique identification code of the product-type: **VENT 50**
2. Intended use: **Thermal insulation products for buildings (ThIB)**
3. Manufacturer: **Joint Stock Company «GomelStroyMaterialy» Republic of Belarus, 246010, Mogilevskaya str., 14, Gomel**
4. Authorized representative: -
5. System of attestation of conformity: **System 1**
6. Harmonized standard: **EN 13162:2012+A1:2015**
   Notified certification body: No. 1020 performed Certificate of constancy of performance No. 1020 –CPR-010022606

7. Declared Performance			
Essential Characteristics	**Clauses in this and other European standard(s) related to essential characteristics**	**Harmonized standard EN 13162:2012+A1:2015**	**Declared value**
Reaction to fire	4.2.6 Reaction to fire	Euroclasses	**A1**
Release of dangerous substances to the indoor environment	4.3.13 Release of dangerous substances	EU level not yet available	**NPD**
Acoustic absorption index	4.3.11 Sound absorption	αp(APi) and αw(AWi) declared	**NPD**
Impact noise transmission index (for floors)	4.3.9 Dynamic stiffness	s' SD deklarowane	**NPD**
	4.3.10.2 Thickness, d_L	d_L and classes for thickness tolerances T6 lor T7	**NPD**
	4.3.10.4 Compressibility c	CPi declared	**NPD**
	4.3.12 Airflow resistivity	AFr i declared	**NPD**
Direct airborne sound insulation index	4.3.12 Airflow resistivity	AFr i declared	**NPD**
Continuous glowing combustion	4.3.15 Continuous glowing combustion	EU level not yet available	**NPD**
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	Thermal conductivity λ_D (W/mK)	**0,033**
		Thermal resistance $R_D = d_N / \lambda_D$ (m²K/W)	**0,90 ÷ 6,05 See table**
	4.2.3 Thickness	Thickness range (mm)	**30 - 200**
		Ti class for thickness tolerance	**T5**
Water permeability	4.3.7.3 Short term water absorption	WS declared WP (kg/m²)	**≤ 1**
	4.3.7.2 Long term water absorption	WL(P) declared W_{LP} (kg/m²)	**≤ 3**
Water vapour permeability	4.3.8 Water vapour transmission	Declared μ; (MUi) or Zi	**MU1**
Compressive strength	4.3.3 Compressive stress or compressive strength	CS(10)i or CS(10/Y)i declared (kPa)	**≥ 10**
	4.3.5 Point load	PL(5)i declared (N)	**NPD**
Durability of reaction to fire against heat, weathering, ageing\degradation	4.2.7 Durability characteristics	Euroclasses	**A1**
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity	Declared $R_D = d_N / \lambda_D$ (m²K/W)	**0,90 ÷ 6,05 See table**
		Declared λ_D (W/mK)	**0,033**
	4.2.7 Durability characteristics	DS(70) declared The relative changes in thickness	**NPD**
		DS(70,90) declared The relative changes in thickness	**≤ 1**
Tensile strength	4.3.4 Tensile strength perpendicular to faces	TRi declared (kPa)	**≥ 5**
Durability of c ompressive strength against ageing\degradation	4.3.6 Compressive creep	CC(i1/i2) σ_c compressive creep declared X_{ct} and X_t	**NPD**

Thermal resistance R_D

d (mm)	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200
R_D m²K/W	**0,90**	**1,20**	**1,50**	**1,80**	**2,10**	**2,40**	**2,70**	**3,00**	**3,30**	**3,60**	**3,90**	**4,20**	**4,55**	**4,85**	**5,15**	**5,45**	**5,75**	**6,05**

8. The Characteristics of the product specified above correspond to the declared characteristics. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011, under the responsibility of the manufacturer identified above.

March 11th 2020
General Director Joint Stock Company «GomelStroyMaterialy»

Stanislav Zheromski

Natural thermal insulation
BELTEP
JSC «GOMELSTROYMATERIALY»

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